



Combined Form PTO/SB/08A&B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/505,416
Confirmation Number	7425
Application Filing Date	June 13, 2005
First Named Inventor	Hiroshi KAWAZOE
Art Unit	4153
Examiner Name	Jonathan M. HURST
Attorney Docket Number	042717

Sheet

1

of

1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
/J.H./	1.	US 2005/0148091	A1	07-07-2005	Kitaguchi et al.
/J.H./	2.	US 4,693,778	A	09-15-1987	Swiggett et al.
/J.H./	3.	US 3,674,602	A	07-04-1972	Keogh et al.
/J.H./	4.	US 5,070,606		12-10-1991	Hoopman et al.
/J.H./	5.	US 2004/0050705	A1	03-18-2004	Tseng et al.
/J.H./	6.	US 7,229,538	B2	06-12-2007	Tseng et al.
/J.H./	7.	US 2005/0249637	A1	11-10-2005	Kawazoe et al.
/J.H./	8.	US 6,770,246	B1	08-03-2004	Husek
/J.H./	9.	US 2007/0183933	A1	08-09-2007	Kawazoe et al.
/J.H./	10.	US 2008/0124242	A1	05-29-2008	Kawazoe et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
/J.H./	11.	JP	11-156184	A	06-15-1999	Toyo Engineering Corp	Abstract
/J.H./	12.	WO	03/070623	A1	08-28-2003	Hitachi Chemical Co., Ltd.	Corresp #7
/J.H./	13.	JP	2000-279827	A	10-10-2000	Phenomenex Inc.	Corresp #8&19
/J.H./	14.	JP	2000-246092	A	09-12-2000	Kawamura Inst of Chem Res	Abstract
/J.H./	15.	JP	7-95622	B2	10-11-1995	Kollmorgen Tech Corp	Abstract, corresp #2
/J.H./	16.	JP	50-9346		04-11-1975	Kollmorgen Corp	Corresp #3
/J.H./	17.	JP	2001-059910	A	03-06-2001	Graphtec Corp et al.	Abstract
/J.H./	18.	JP	2000-015065	A	01-18-2000	Hitachi, Ltd.	Abstract
/J.H./	19.	EP	1 486 455	A1	12-15-2004	Hitachi Chemical Co., Ltd.	Corresp #8&12
/J.H./	20.	TW	536524	B	06-11-2003	Tzeng Fan-Gen	Corresp #5&6
/J.H./	21.	JP	2000-019145	A	01-21-2000	NTT	JPO Machine English Translation

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
/J.H./	22.	SHOJI, "Flow Control In Microchannels"; Chemical Industry, 52, 4, pp. 42-46, Nov. 2001.	Yes
/J.H./	23.	MAEDA, "R&D Trends of Microfluidic Device Packaging Technologies", Journal of Japan Institute of Electronics Packaging, Vol. 5, No. 1, pp 25-27, January 2002.	Yes
/J.H./	24.	KORENAGA, "Indoor/Outdoor Air Pollution and Its Monitoring", 50 th National Congress for Environmental Studies, Science Council of Japan, pp 25-32, 1999.	No
/J.H./	25.	International Search Report of PCT/JP2005/022002, date of mailing March 7, 2006.	
/J.H./	26.	International Search Report of PCT/JP2005/002433, date of mailing July 12, 2005.	
/J.H./	27.	European Search Report mailed March 2, 2007, Application No. 05719235.3-2104.	
/J.H./	28.	Taiwanese Office Action dated October 23, 2007, Application No. 094104795.	Yes

Examiner Signature

/Jonathan Hurst/

Date Considered

06/21/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.